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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number		10/692,125	
				Filing Date		October 23, 2003	
				First Named Inventor		NAGASIMA	
				Group Art Unit		2823	
				Examiner Name		BREWSTER, WILLIAM M.	
Sheet	1	of	2	Attorney Docket Number		03643/LH	

## U.S. PATENT DOCUMENTS

Exam. Inits <sup>a</sup>	Cite No <sup>b</sup>	Document Number	Kind Code <sup>c</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
QNB	X	6,167,073	A	BOTEZ et al	12-26-2000	X
QNB		6,175,582	B1	NAITO et al	01-16-2001	
QNB		6,285,694	B1	SHIGIHARA	09-04-2001	
QNB	X	6,650,671	B1	GARBUZOV et al	11-18-2003	<

372/46-01  
372/45-01  
372/45-01  
372/45

## FOREIGN PATENT DOCUMENTS

Exam. Inits <sup>a</sup>	Cite No <sup>b</sup>	Off <sup>c</sup>	Document Number <sup>d</sup>	Kind Code <sup>e</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>f</sup>
QNB	X	EP	0 448 406	A2	THE FURUKAWA ELECTRIC CO. LTD	09-25-1991	X	
QNB	X	EP	0 920 097	A2	MITSUI CHEMICALS, INC.	06-02-1999		
QNB	X	WO	01/57974	A1	PRINCETON LIGHTWAVE INC.	08-09-2001	X	

Examiner Signature	William M. Brewster	Date Considered	13 JUL 05
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<sup>a</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>b</sup> Unique citation designation number. <sup>c</sup> See kinds of U.S. Patent Documents. <sup>d</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>e</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>f</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>g</sup> Place a check here if English translation is attached.

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				Examiner Name	BREWSTER, WILLIAM M.
Sheet	2	of	2	Attorney Docket Number	03643/LH
<b>OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cit a No.	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
WB	X	KAWANAKA, S. et al. "Strained Single Quantum Well AlGaInP Laser Diodes with an Asymmetric Waveguiding Layer." Extended Abstracts of the International Conference on Solid State Devices and Materials, Japan Society of Applied Physics. Tokyo, Japan, August 1, 1992, pages 240-242, XP000312208.			
Examiner Signature	William M. Brewster			Date Considered	13 JUL 05

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
Unique citation designation number. \* Place a check here if English translation is attached.

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				First Named Inventor		NAGASHIMA	
				Group Art Unit		2823	
				Examiner Name		William M. Brewster	
Sheet	1	of	1	Attorney Docket Number		03643/LH	

**U.S. PATENT DOCUMENTS**

Exam. Init <sup>1</sup>	Cite No <sup>2</sup>	Document Number	Kind Code <sup>3</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

**FOREIGN PATENT DOCUMENTS**

Exam. Init <sup>1</sup>	Cite No <sup>2</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
W/A		JP	2000-174394	A	SASAKI	06-23-2000	X	x*
			*English abstract attached.					

Examiner Signature	William M. Brewster	Date Considered	21 DEC 01
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